Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004958.D
Acq On : 25 Mar 2019 13:35
Operator : JU/SJ
Sample : K1948-15RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-025-SW080-031319

Quant Time: Mar 26 01:17:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	4354	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	17037	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	8453	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	17133	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	19437	0.40	ng		-0.01
34) Perylene-d12	23.53	264	20970	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	4791	0.40	ng		0.00
5) Phenol-d6	6.86	99	6677	0.45	ng		-0.02
8) Nitrobenzene-d5	8.84	82	5176	0.46	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	10244	0.34	ng		-0.02
14) 2,4,6-Tribromophenol	15.83	330	1965	0.34	ng		-0.02
15) 2-Fluorobiphenyl	12.94	172	13370	0.38	ng		-0.02
25) Fluoranthene-d10	19.12	212	17685	0.31	ng		-0.02
29) Terphenyl-d14	19.71	244	11092	0.28	ng		-0.02
Target Compounds							Qvalue
9) Naphthalene	10.52	128	1715	0.036	ng	#	88
12) 2-Methylnaphthalene	12.14	142	986	0.028	ng	#	91
16) Acenaphthylene	14.04	152	6531	0.150	ng		98
17) Acenaphthene	14.39	154	872	0.031	ng	#	89
18) Fluorene	15.38	166	2043	0.051	ng	#	90
22) Pentachlorophenol	16.75	266	60	0.024	ng	#	72
23) Phenanthrene	17.12	178	44226	0.799	ng		99
24) Anthracene	17.21	178	6589	0.133	ng	#	96
26) Fluoranthene	19.15	202	79779	1.122	ng		98
28) Pyrene	19.51	202	71426	1.205	ng		96
30) Benzo(a)anthracene	21.26	228	34260	0.537	ng		95
31) Chrysene	21.31	228	44494	0.663	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	16854	0.662	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	30603	0.315	ng		99
35) Benzo(b)fluoranthene	22.85	252	59295	0.782	ng	#	19
36) Benzo(k)fluoranthene	22.85	252	59295	0.795	ng	#	21
37) Benzo(a)pyrene	23.43	252	36985	0.531	ng	#	92
38) Dibenzo(a,h)anthracene	25.80	278	8298	0.103	ng	#	57
39) Benzo(g,h,i)perylene	26.49	276	31195	0.380	ng	#	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

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PST-025-SW080-031319

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
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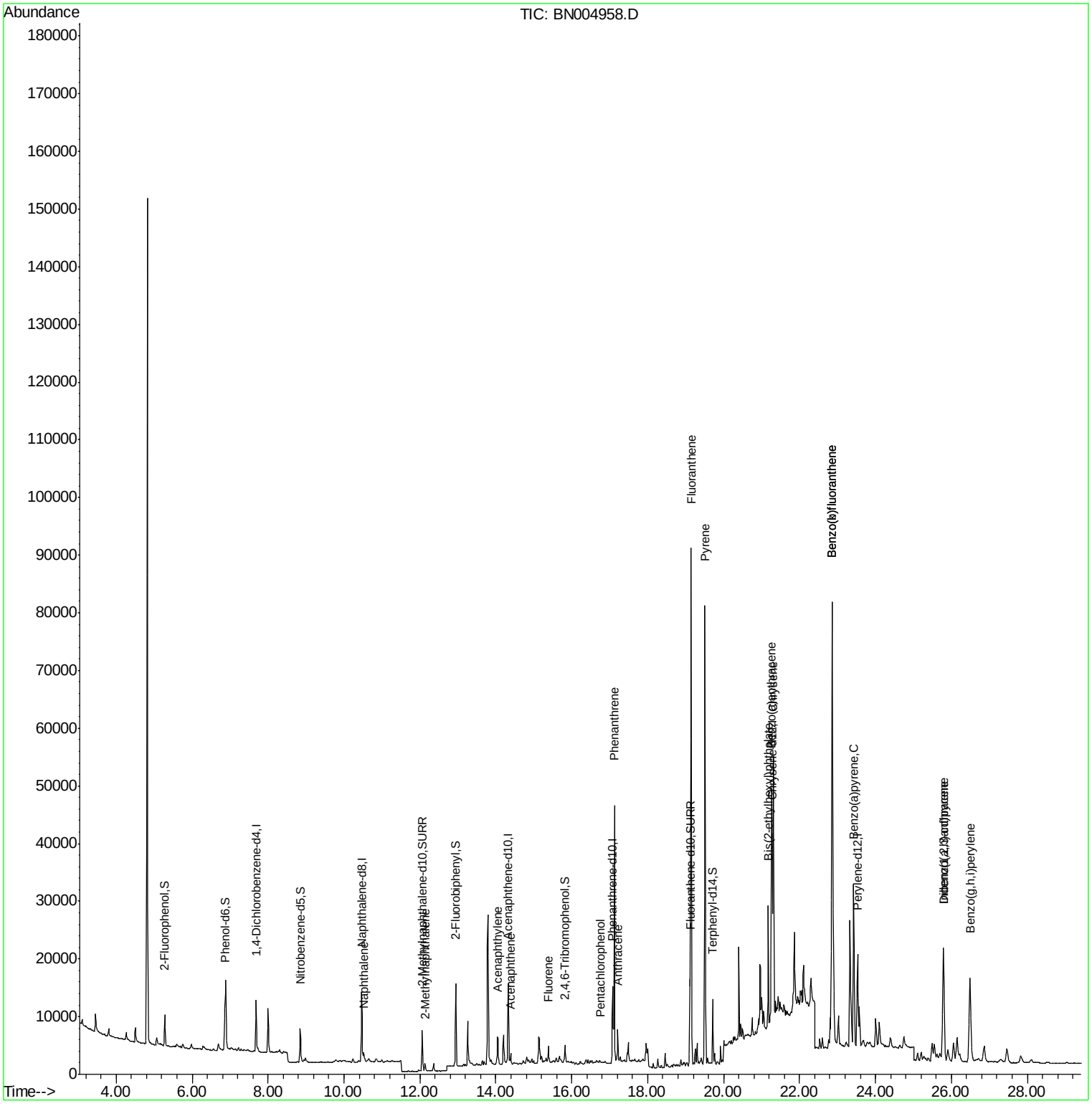
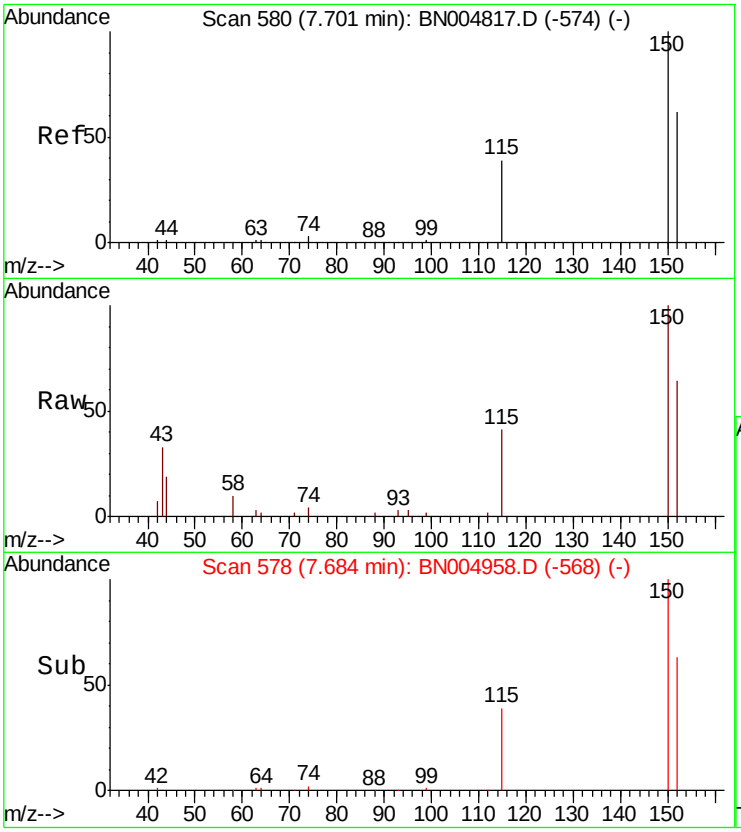


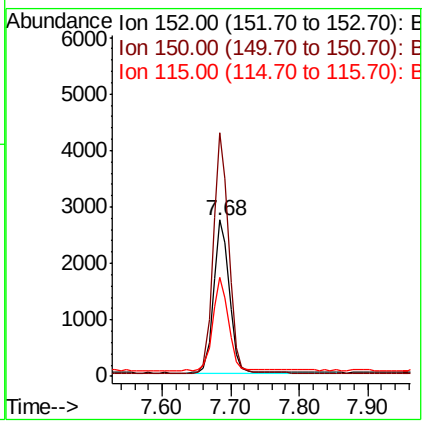


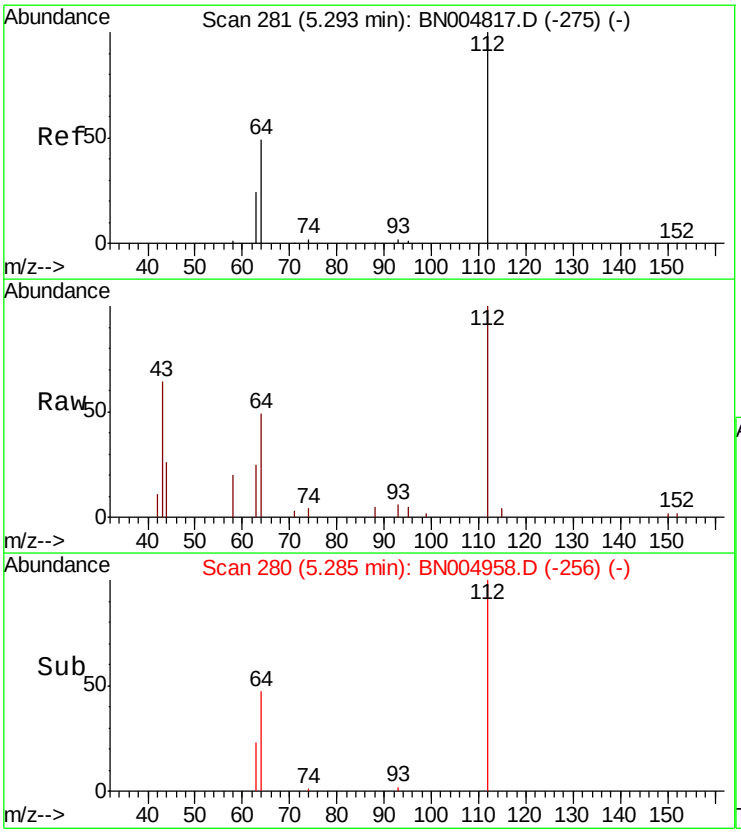
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:152 Resp: 4354

Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.4
115	63.7	52.6	79.0

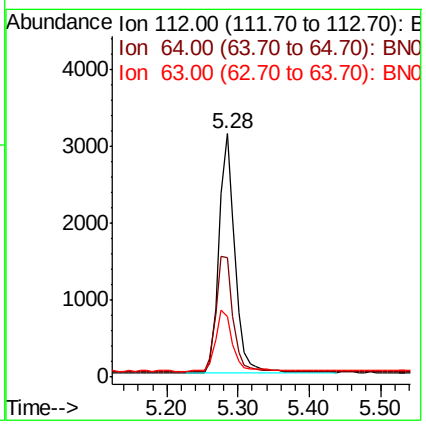


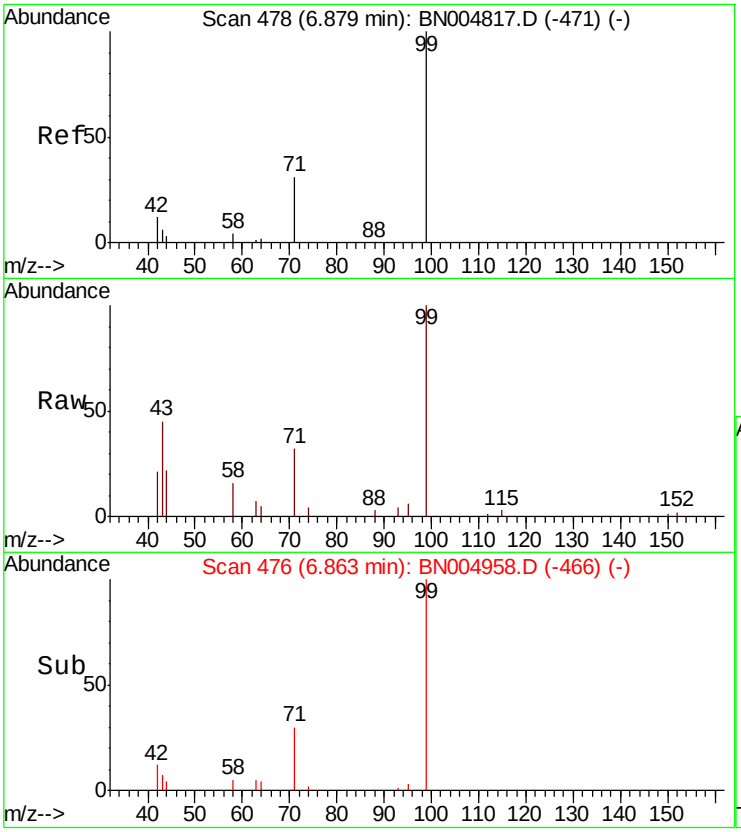


#4
2-Fluorophenol
Concen: 0.405 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:112 Resp: 4791

Ion	Ratio	Lower	Upper
112	100		
64	52.2	40.0	60.0
63	27.4	20.2	30.2



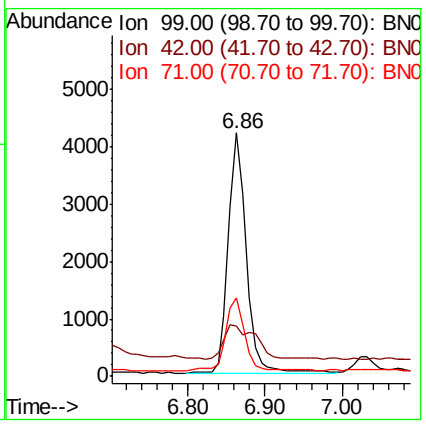


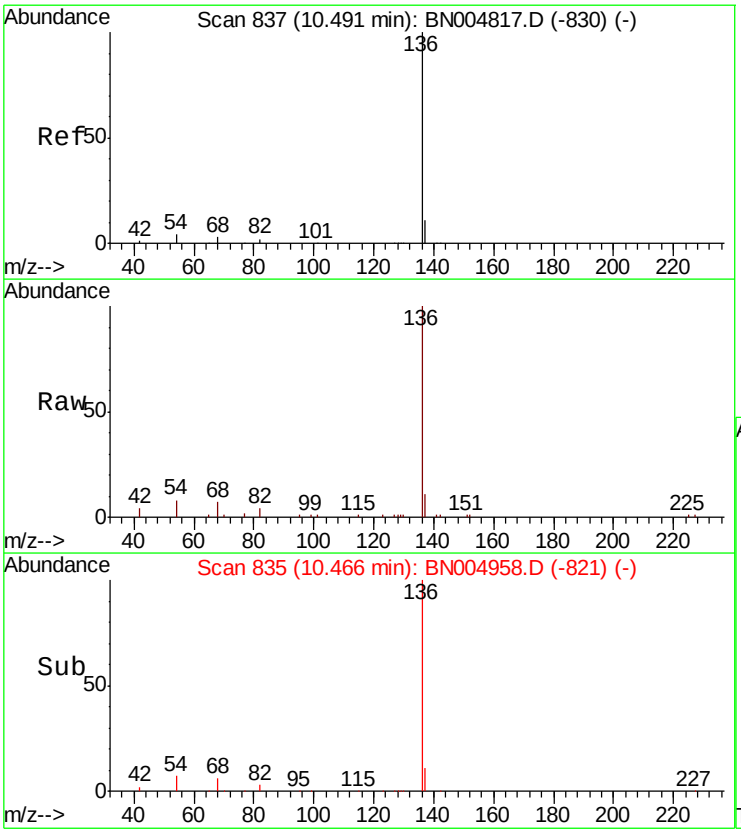
#5
Phenol-d6
Concen: 0.453 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion: 99 Resp: 6677

Ion	Ratio	Lower	Upper
99	100		
42	24.8	12.7	19.1#
71	32.0	26.6	40.0

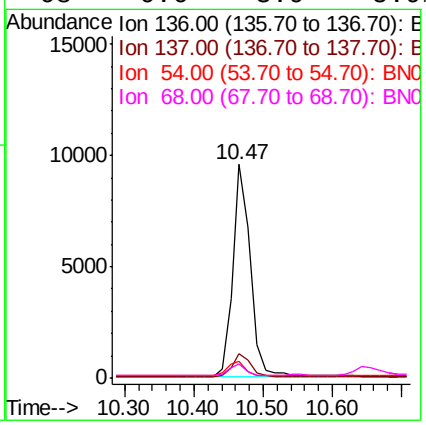


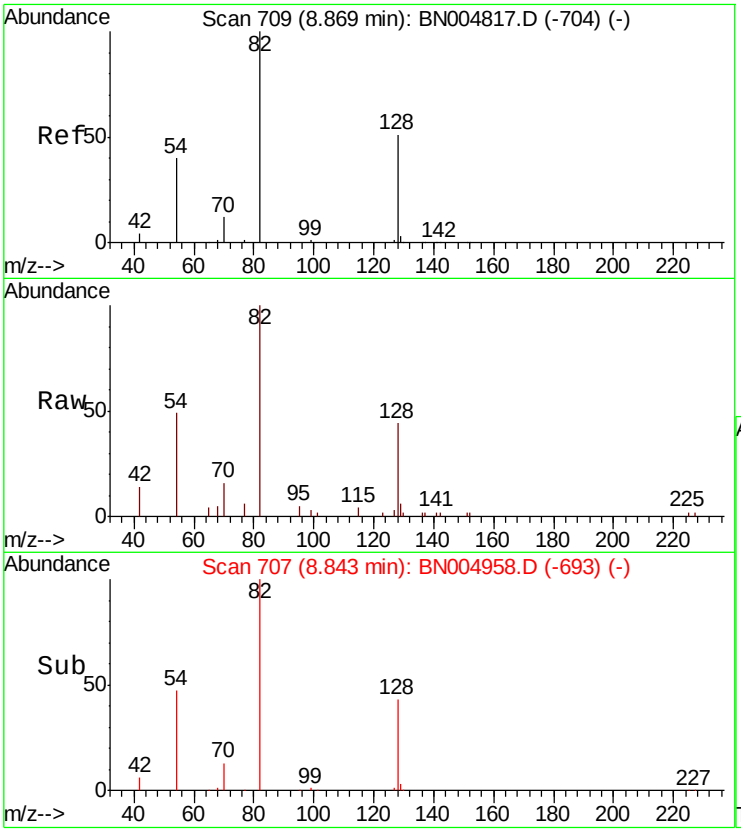


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:136 Resp: 17037

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	7.5	4.2	6.2#
68	6.6	3.9	5.9#



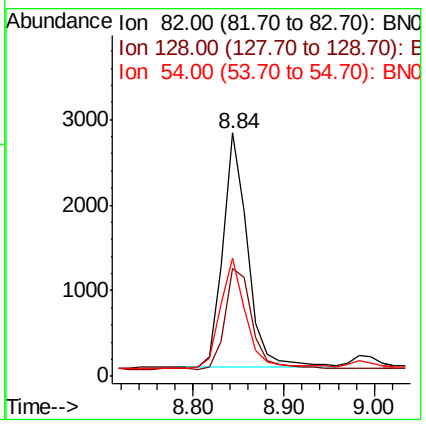


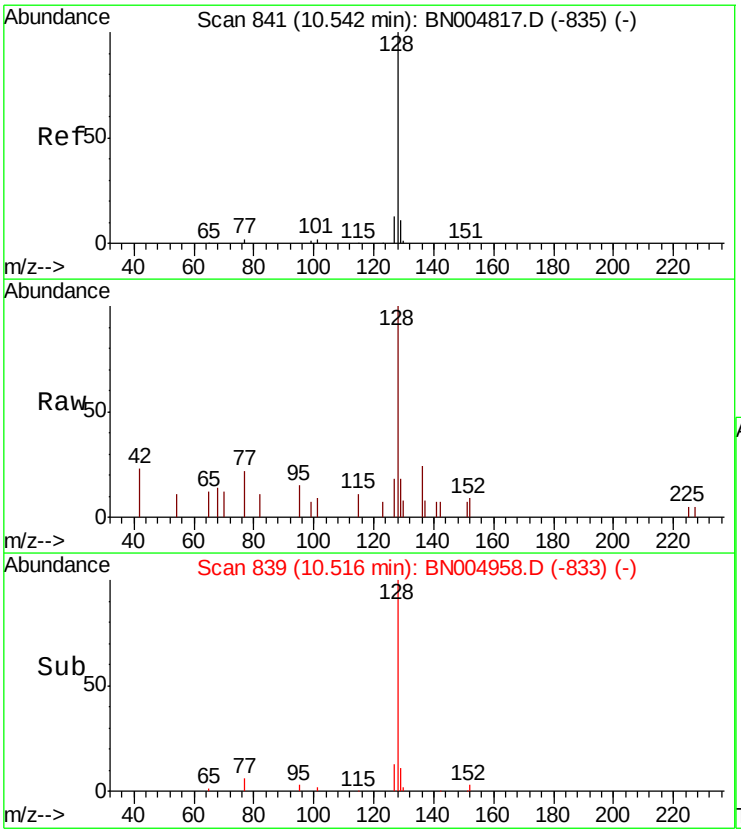
#8
Nitrobenzene-d5
Concen: 0.459 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion: 82 Resp: 5176

Ion	Ratio	Lower	Upper
82	100		
128	44.1	43.0	64.6
54	48.5	35.3	52.9

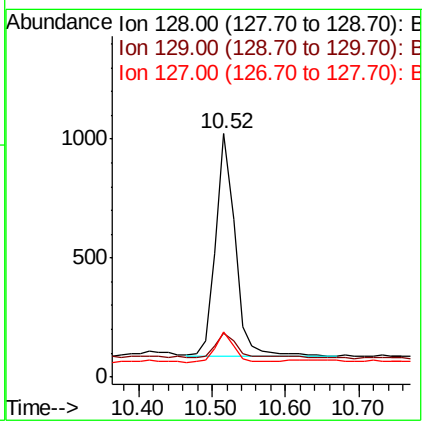


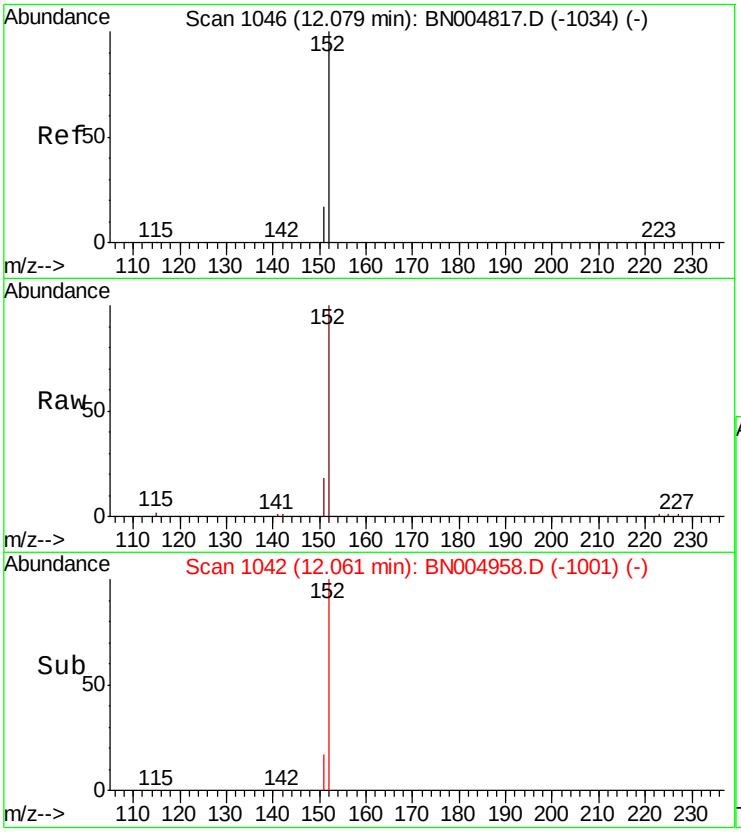


#9
Naphthalene
Concen: 0.036 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:128 Resp: 1715

Ion	Ratio	Lower	Upper
128	100		
129	18.1	9.9	14.9#
127	18.4	11.3	16.9#



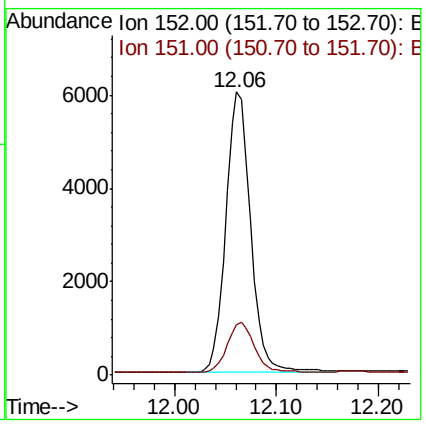


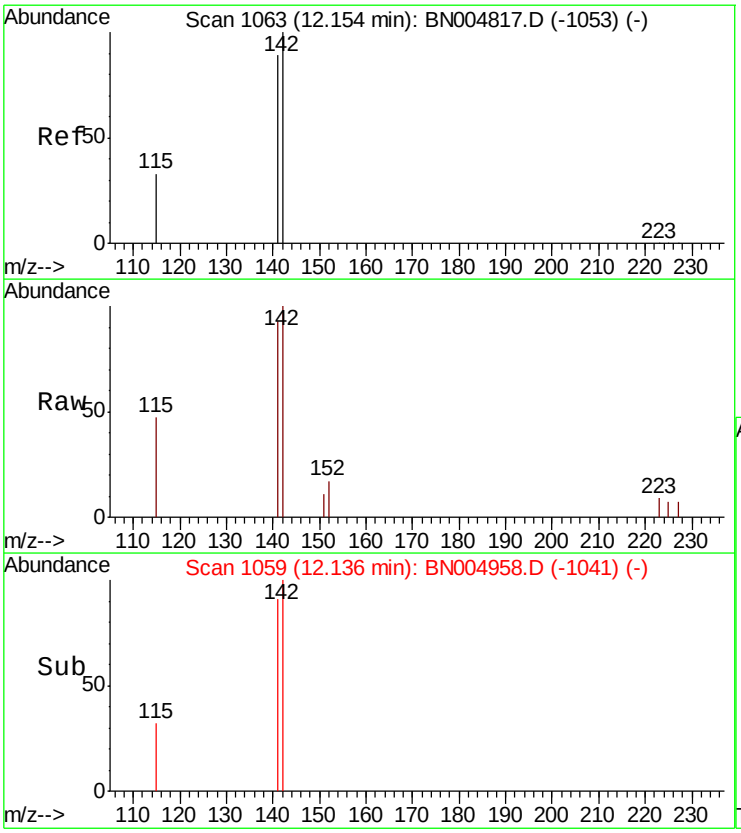
#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:152 Resp: 10244

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3

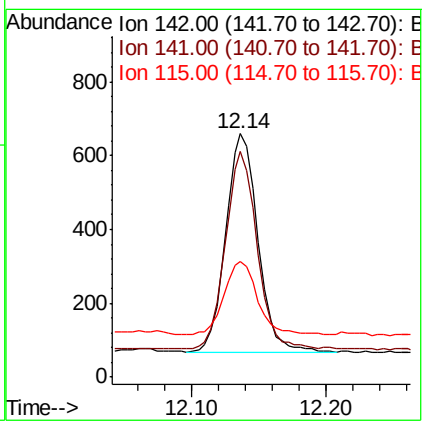


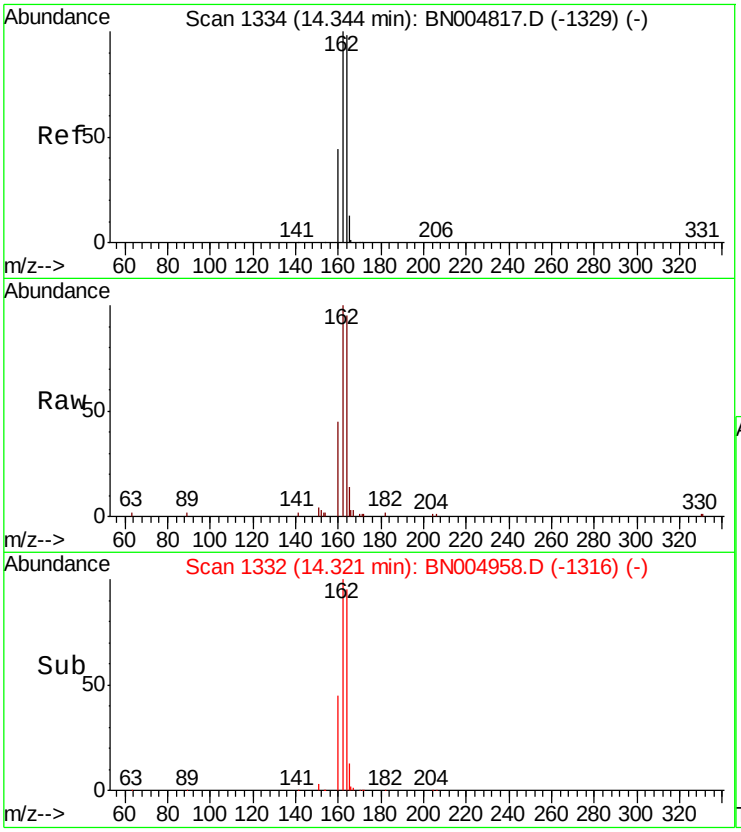


#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:142 Resp: 986

Ion	Ratio	Lower	Upper
142	100		
141	92.6	71.4	107.2
115	47.4	27.5	41.3#



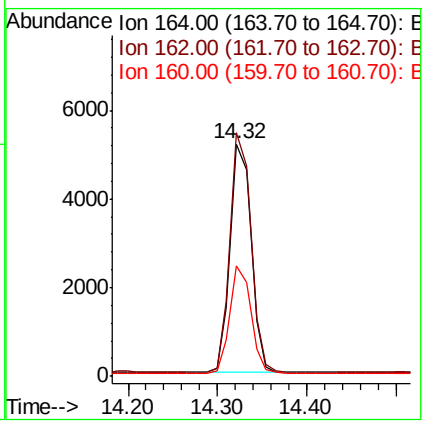


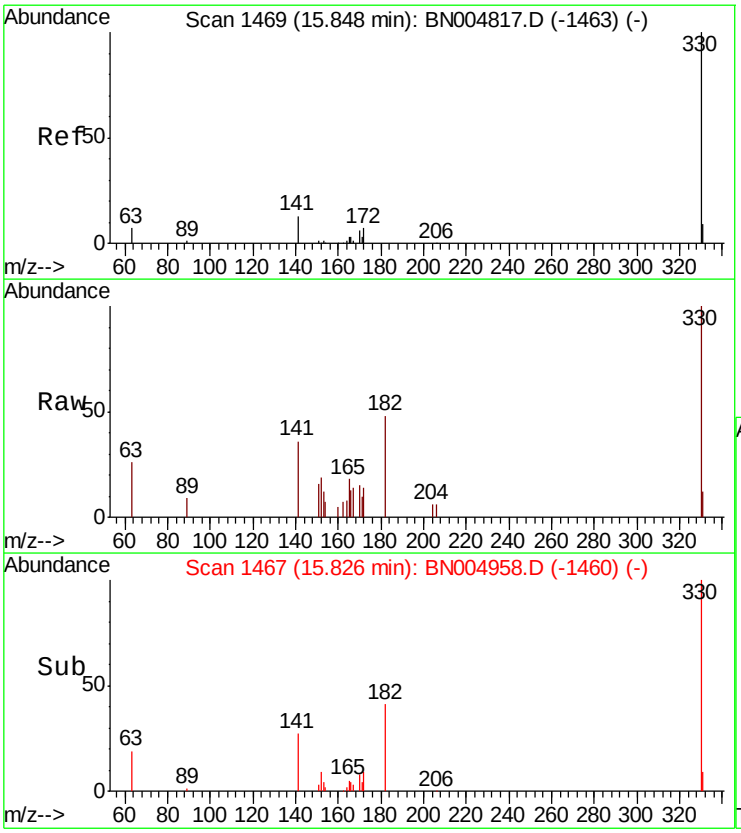
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:164 Resp: 8453

Ion	Ratio	Lower	Upper
164	100		
162	104.8	81.9	122.9
160	47.5	36.6	54.8

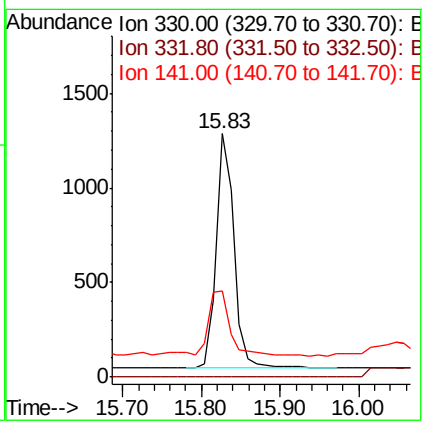


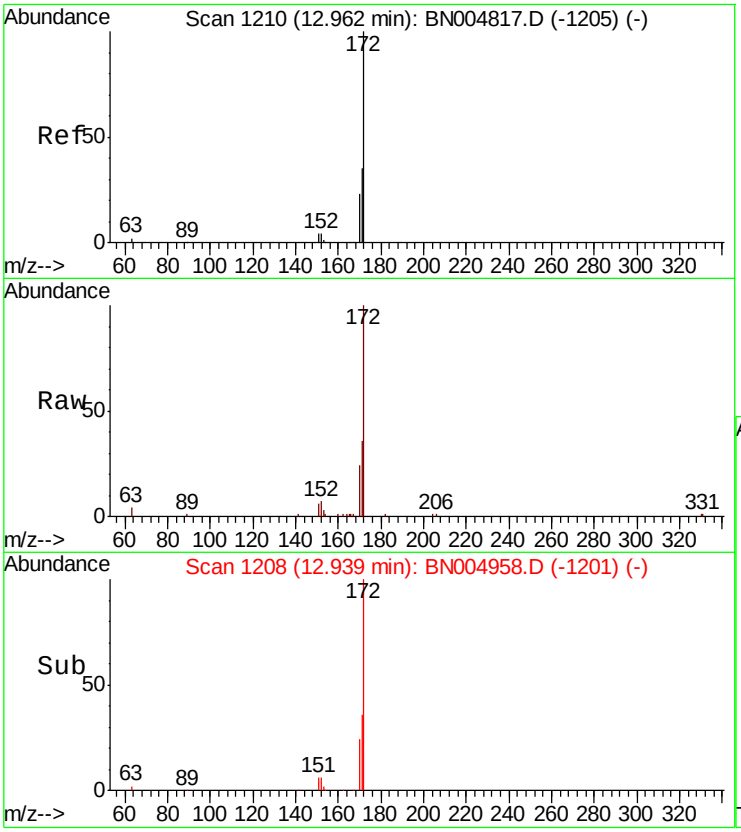


#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:330 Resp: 1965

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.7	20.9	31.3#



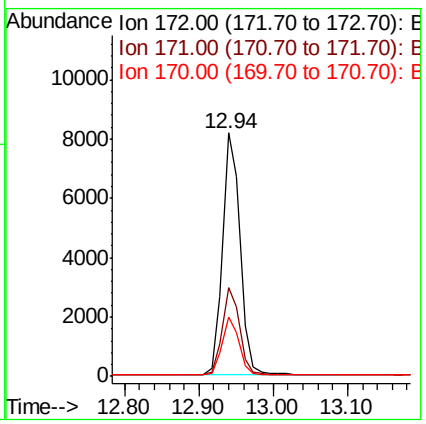


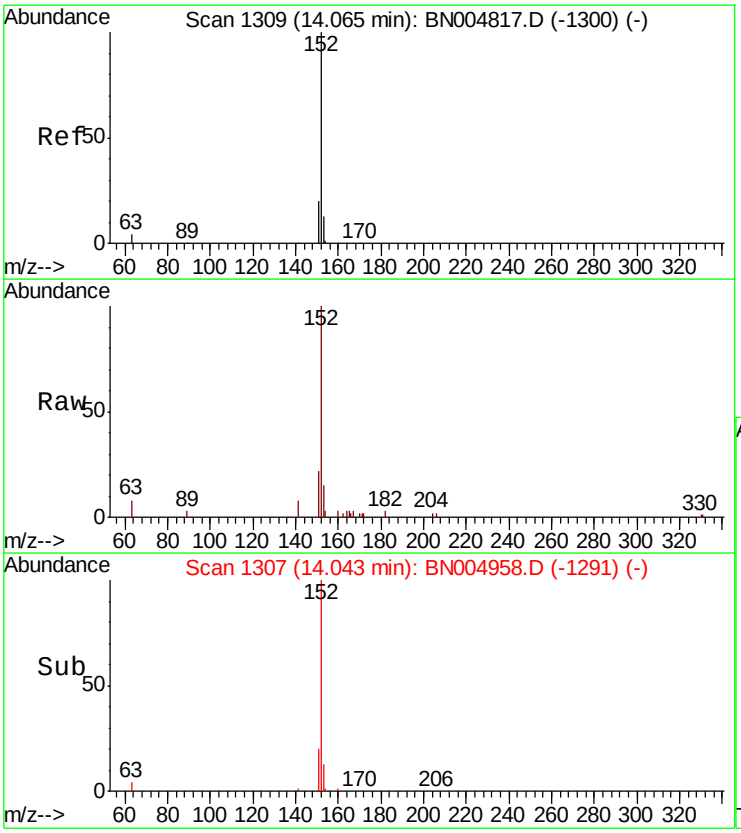
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:172 Resp: 13370

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.7	43.1
170	24.5	18.7	28.1

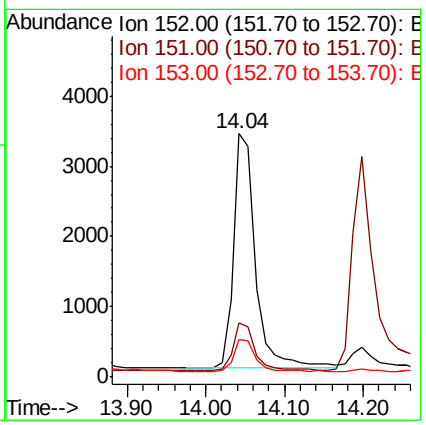


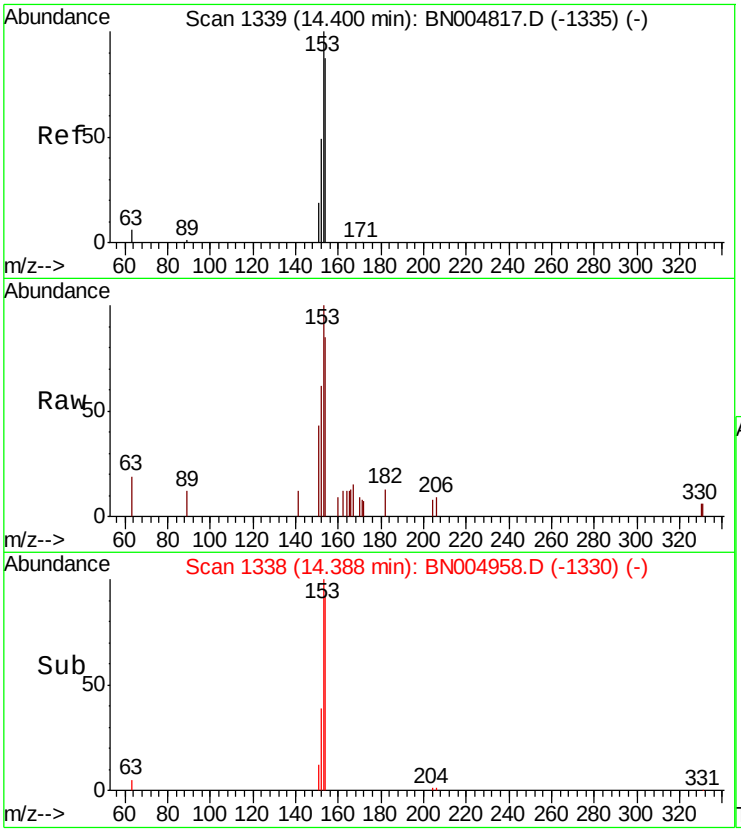


#16
Acenaphthylene
Concen: 0.150 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:152 Resp: 6531

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	14.1	10.5	15.7



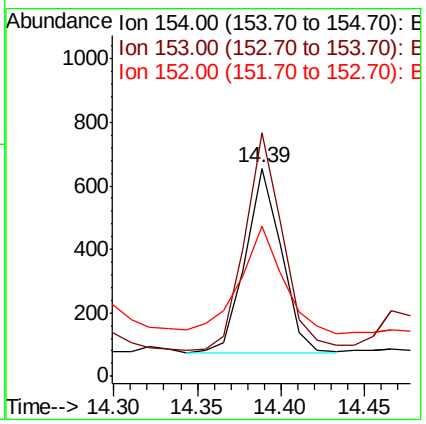


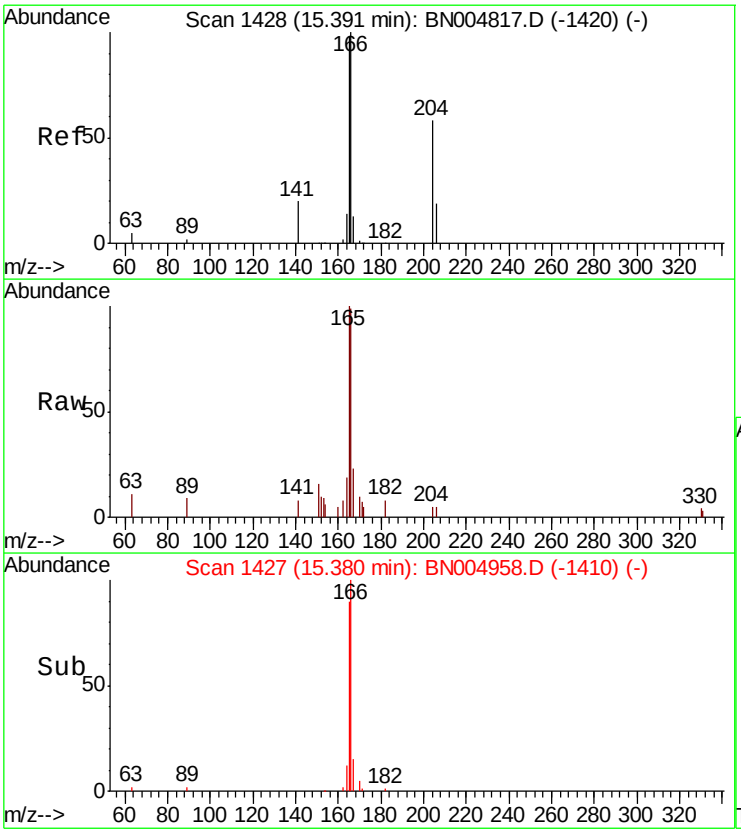
#17
Acenaphthene
Concen: 0.031 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:154 Resp: 872

Ion	Ratio	Lower	Upper
154	100		
153	122.4	91.4	137.2
152	69.0	44.2	66.2#

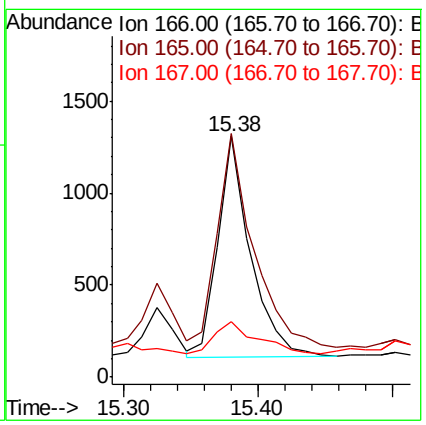


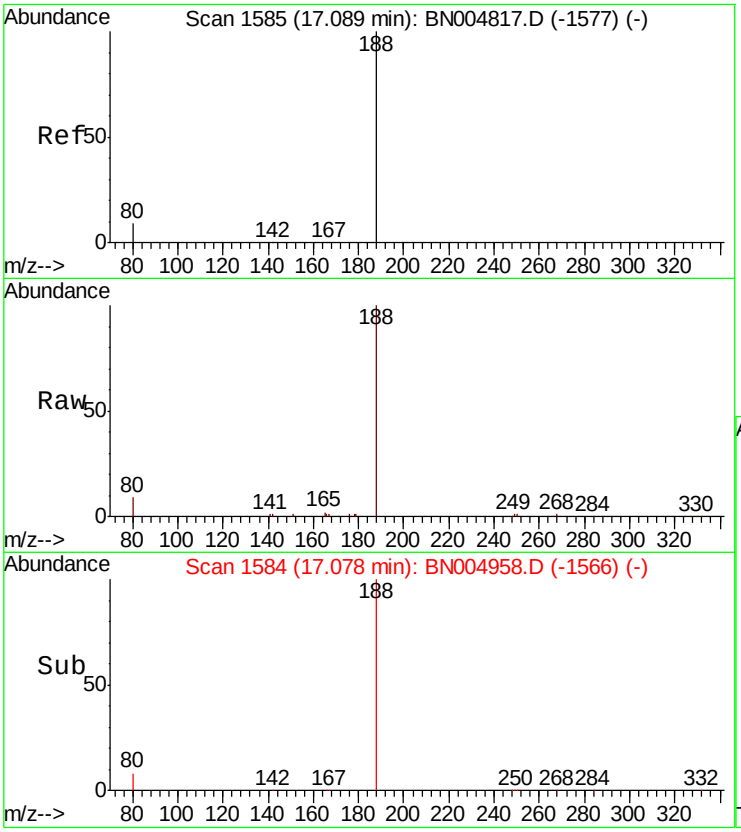


#18
Fluorene
Concen: 0.051 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:166 Resp: 2043

Ion	Ratio	Lower	Upper
166	100		
165	107.3	78.2	117.4
167	19.1	11.0	16.4#



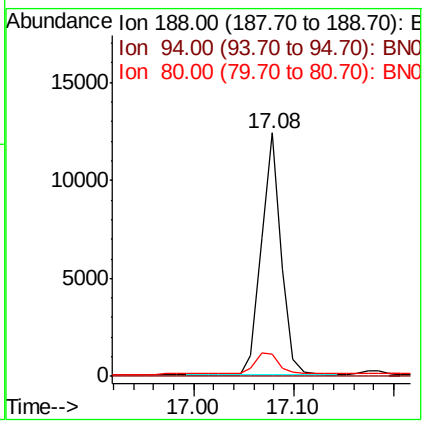


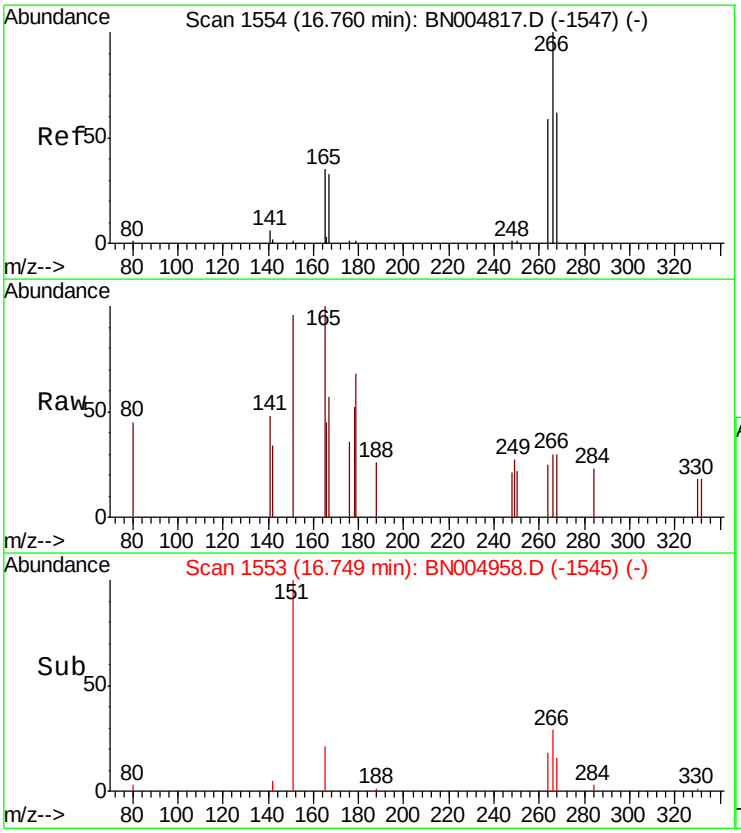
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:188 Resp: 17133

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.4	11.2

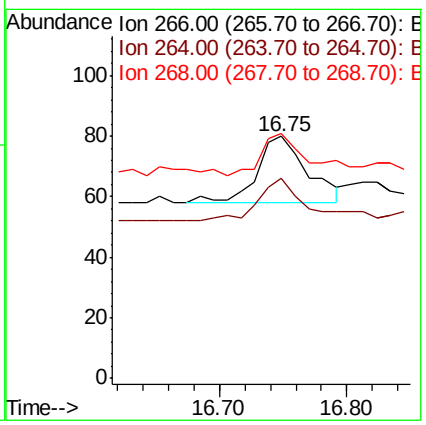


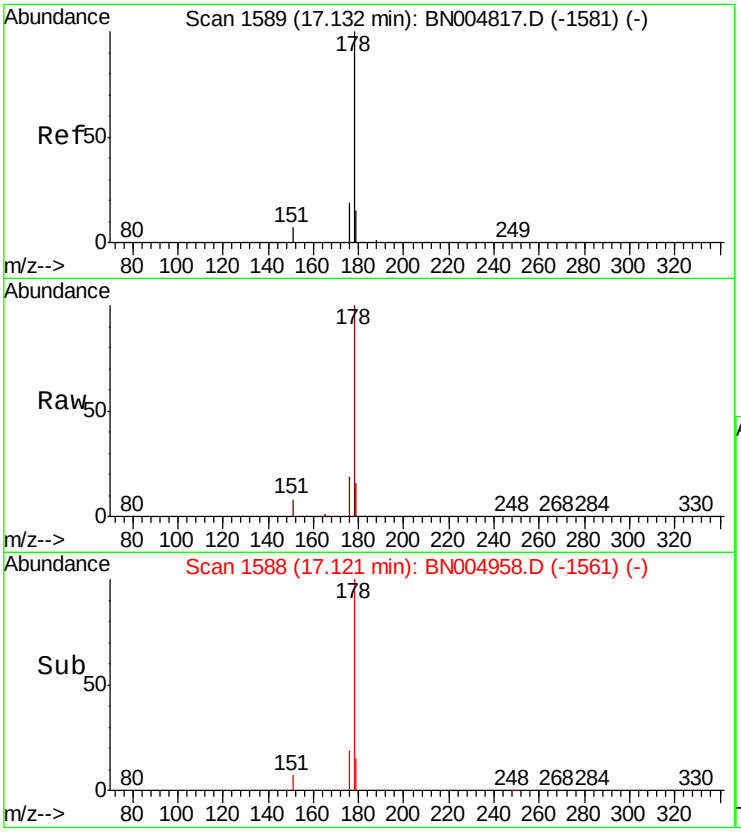


#22
Pentachlorophenol
Concen: 0.024 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:266 Resp: 60

Ion	Ratio	Lower	Upper
266	100		
264	82.5	53.1	79.7#
268	101.3	57.7	86.5#



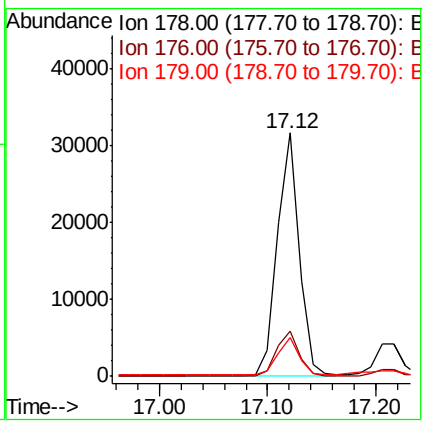


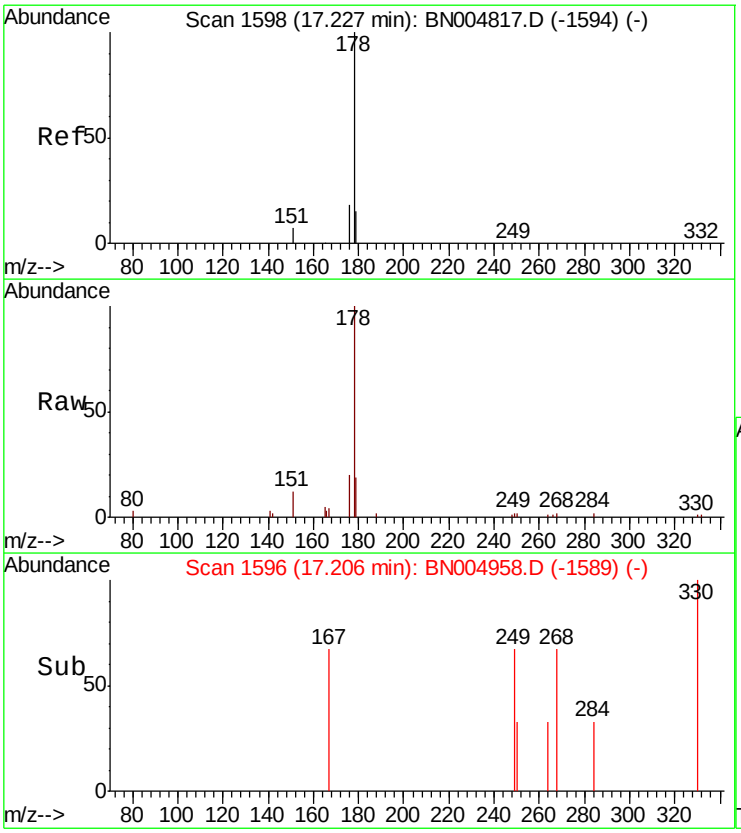
#23
Phenanthrene
Concen: 0.799 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:178 Resp: 44226

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.6	12.1	18.1

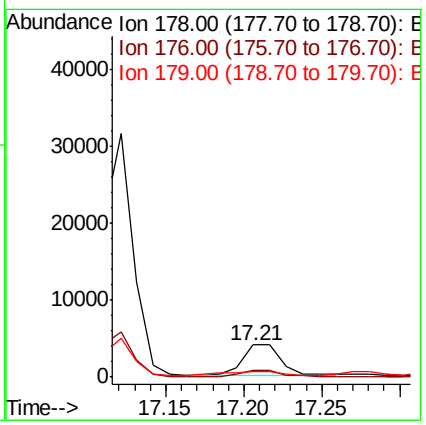


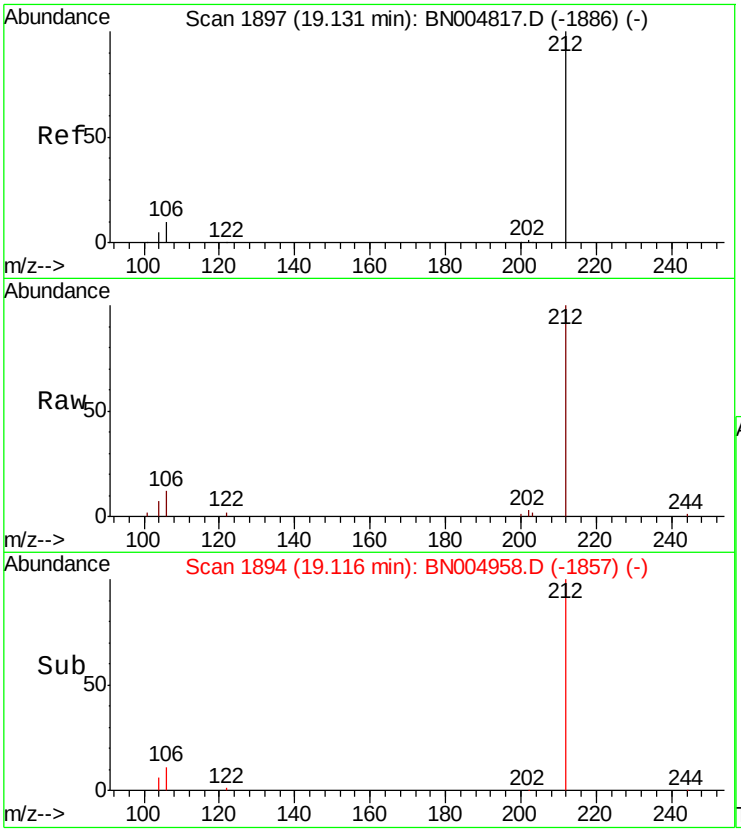


#24
Anthracene
Concen: 0.133 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:178 Resp: 6589

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.5	21.7
179	18.4	12.2	18.4#



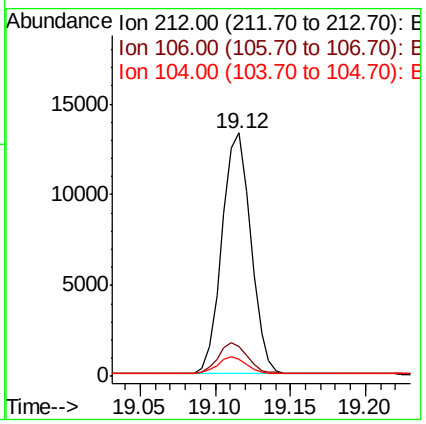


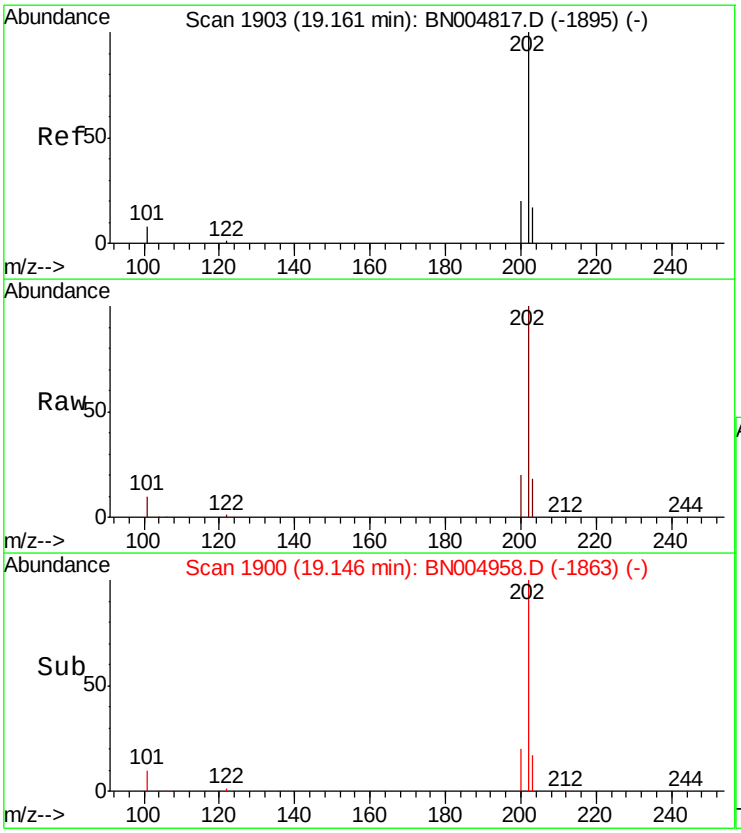
#25
Fluoranthene-d10
Concen: 0.308 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:212 Resp: 17685

Ion	Ratio	Lower	Upper
212	100		
106	12.6	8.6	13.0
104	7.1	4.7	7.1

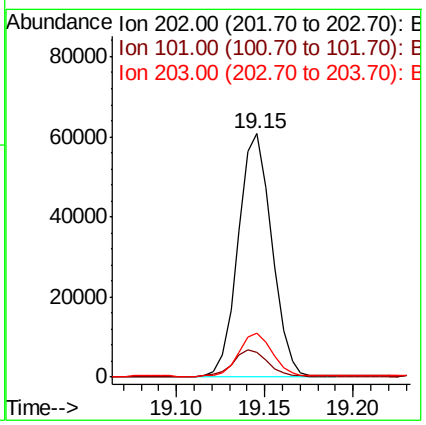


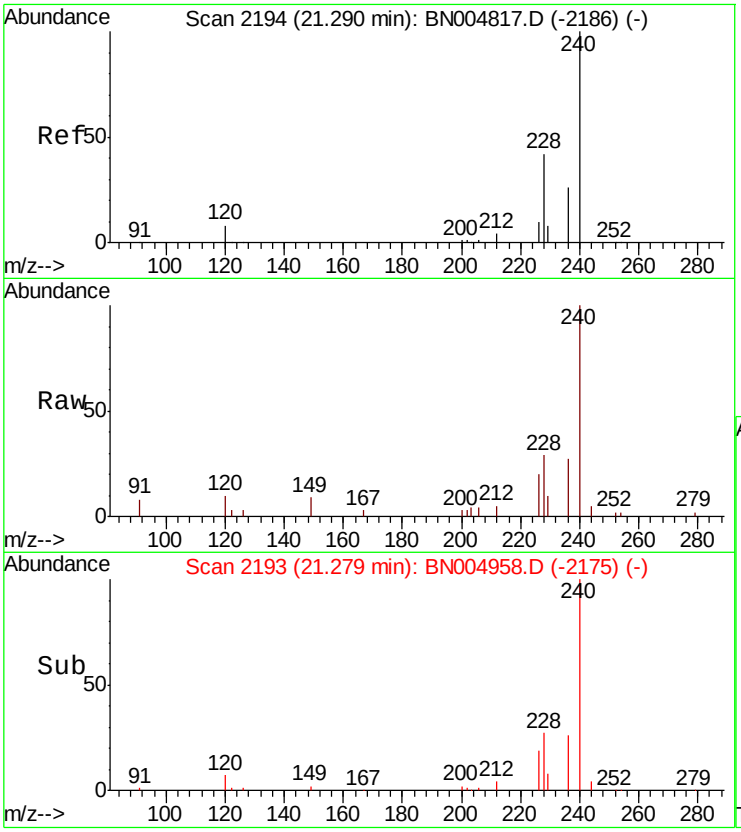


#26
Fluoranthene
Concen: 1.122 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:202 Resp: 79779

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.5	11.3
203	17.5	13.8	20.6



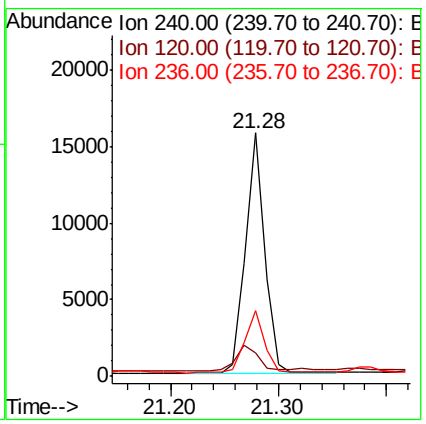


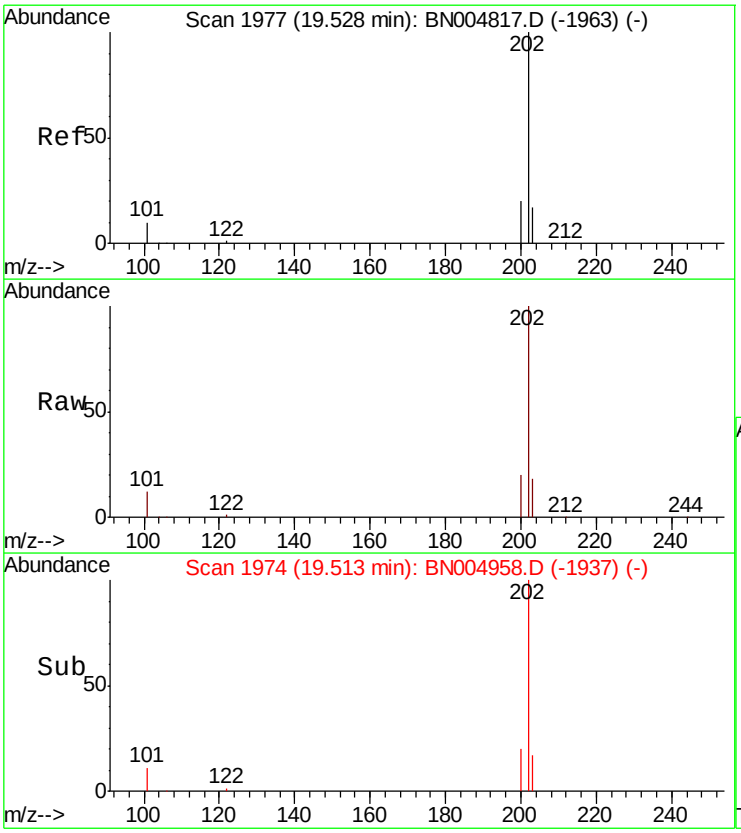
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:240 Resp: 19437

Ion	Ratio	Lower	Upper
240	100		
120	9.7	7.2	10.8
236	27.1	20.9	31.3

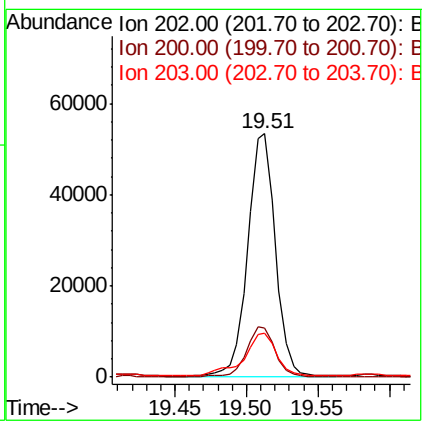


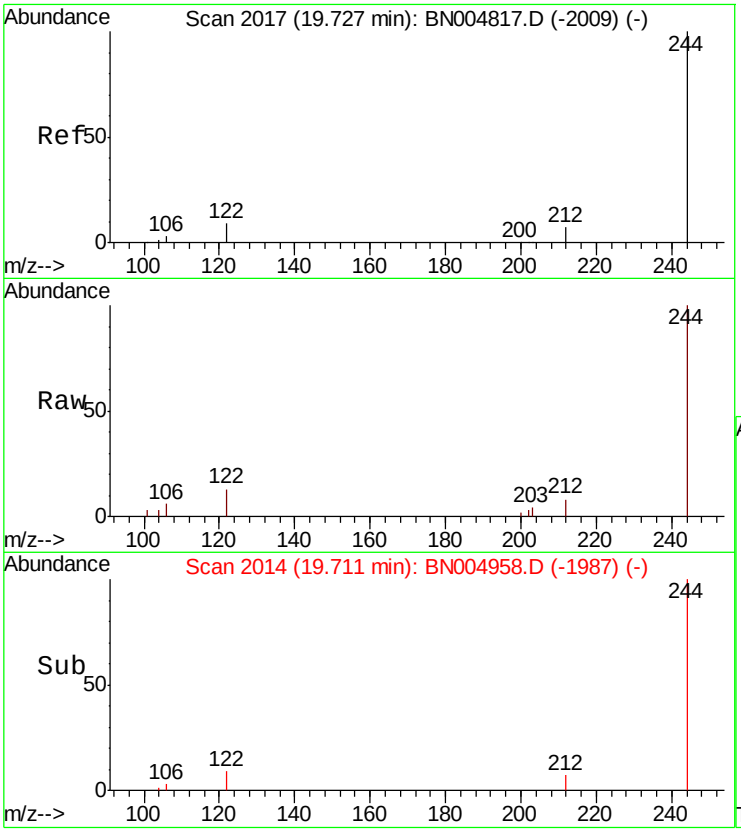


#28
Pyrene
Concen: 1.205 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:202 Resp: 71426

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	20.6	14.0	21.0



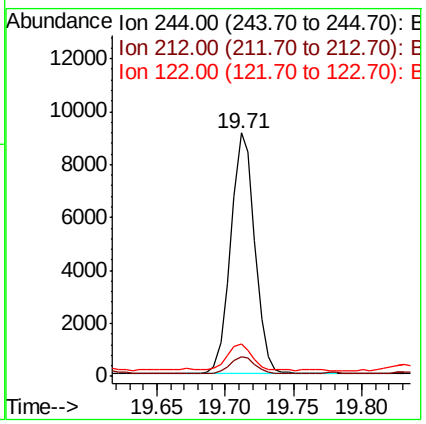


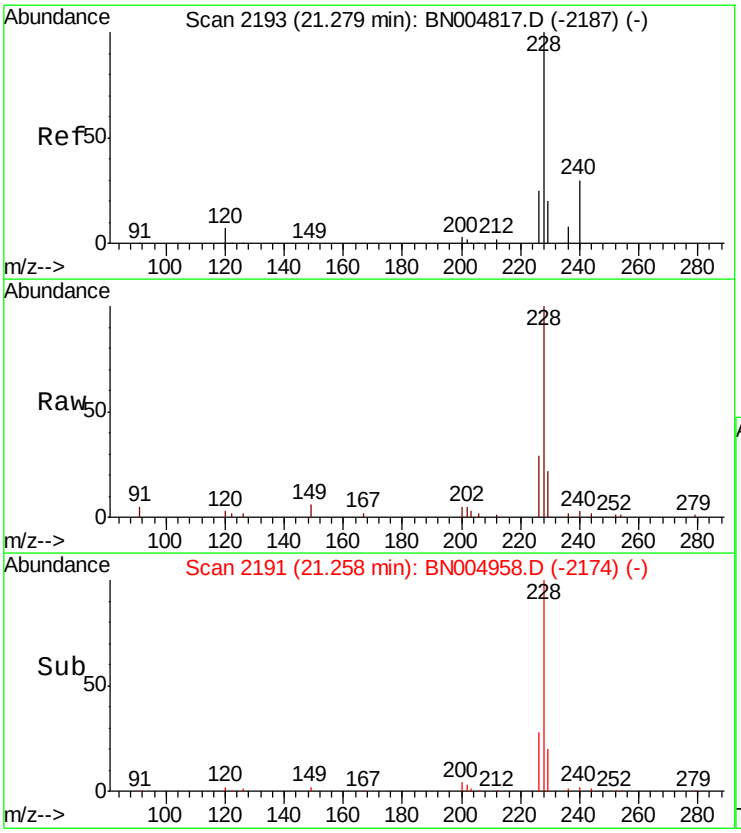
#29
Terphenyl-d14
Concen: 0.279 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:244 Resp: 11092

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	13.1	7.9	11.9#

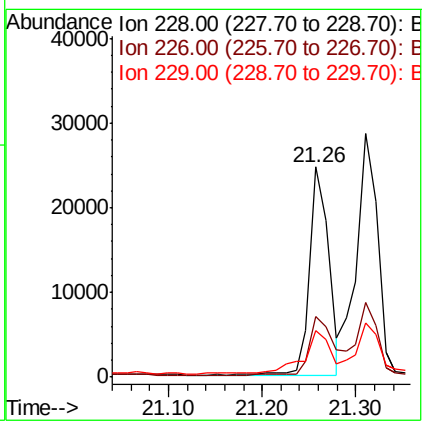


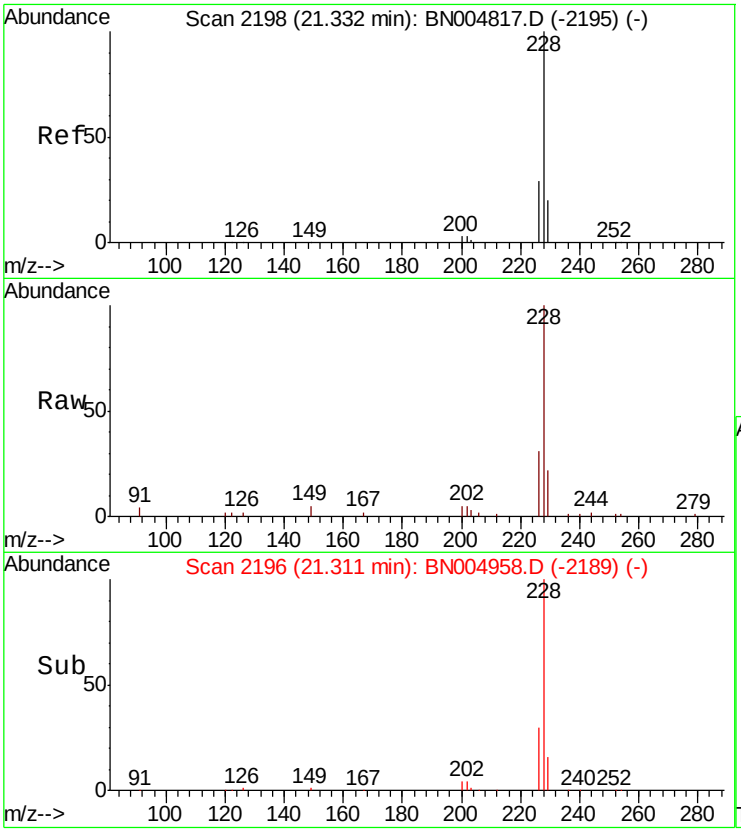


#30
Benzo(a)anthracene
Concen: 0.537 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:228 Resp: 34260

Ion	Ratio	Lower	Upper
228	100		
226	28.8	20.6	31.0
229	21.9	16.2	24.4



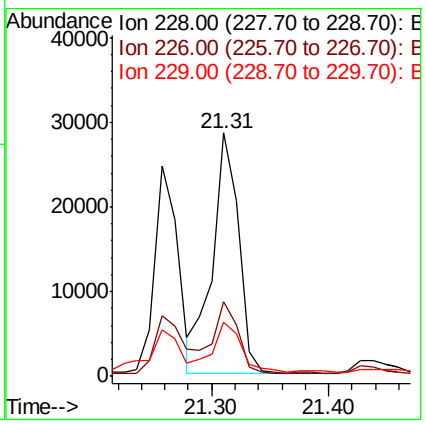


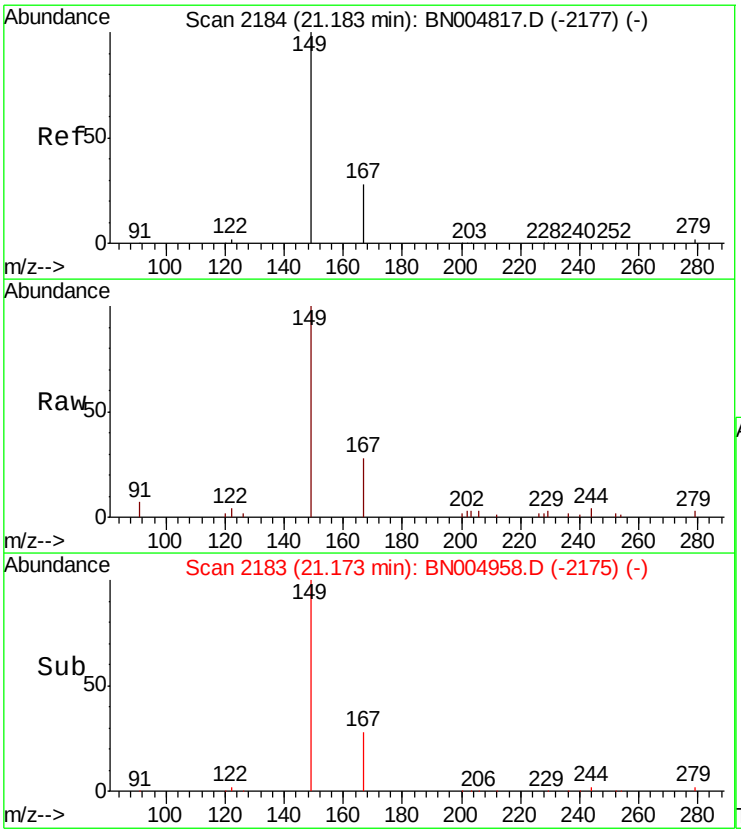
#31
Chrysene
Concen: 0.663 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:228 Resp: 44494

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.0	34.6
229	22.1	16.2	24.2

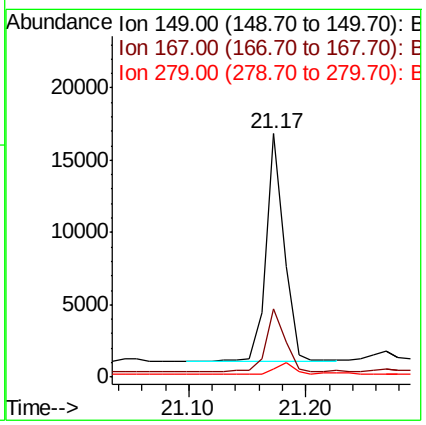


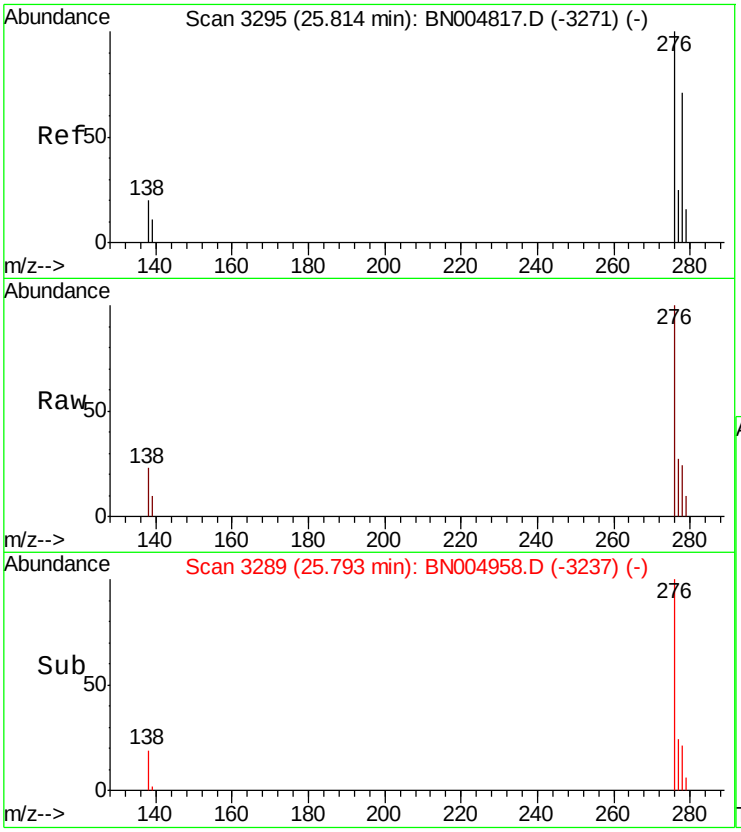


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.662 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:149 Resp: 16854

Ion	Ratio	Lower	Upper
149	100		
167	28.2	23.0	34.4
279	5.3	4.6	6.8



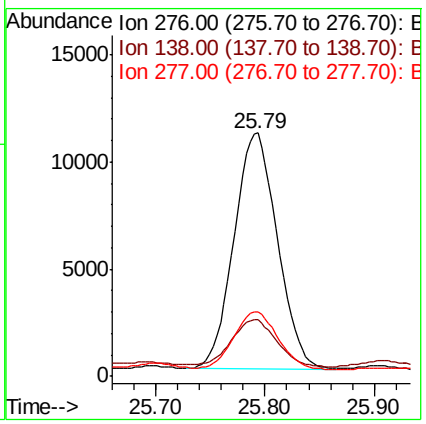


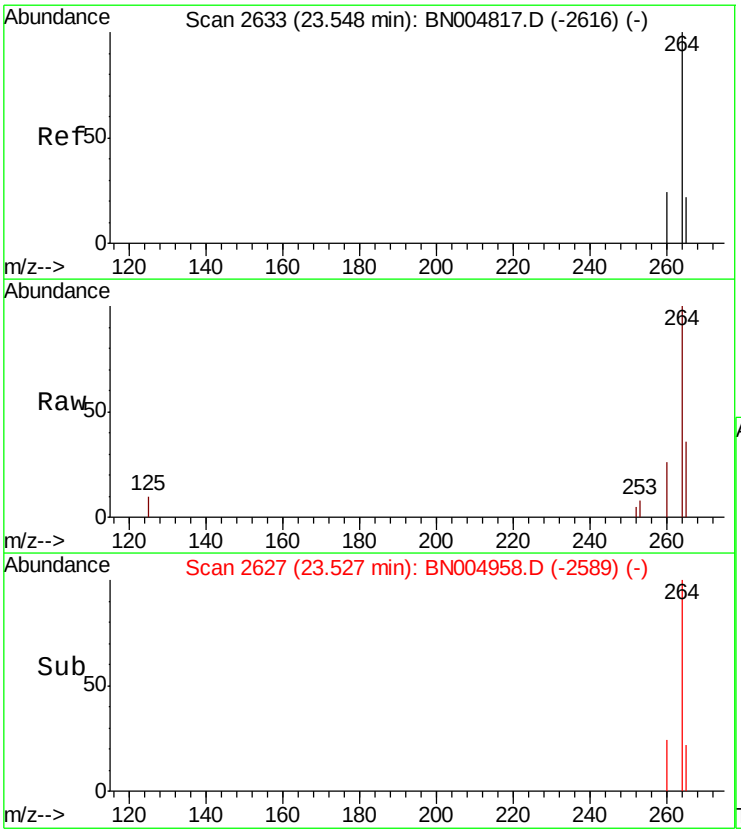
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng
RT: 25.79 min Scan# 3289
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:276 Resp: 30603

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.6	24.8
277	24.9	20.3	30.5

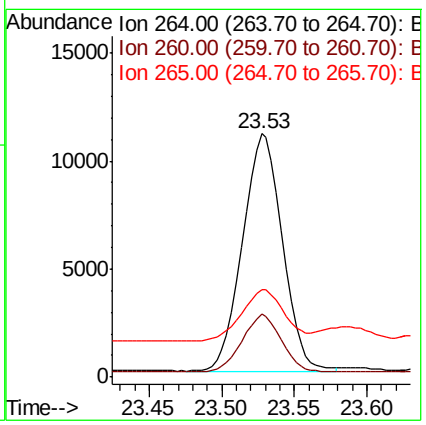


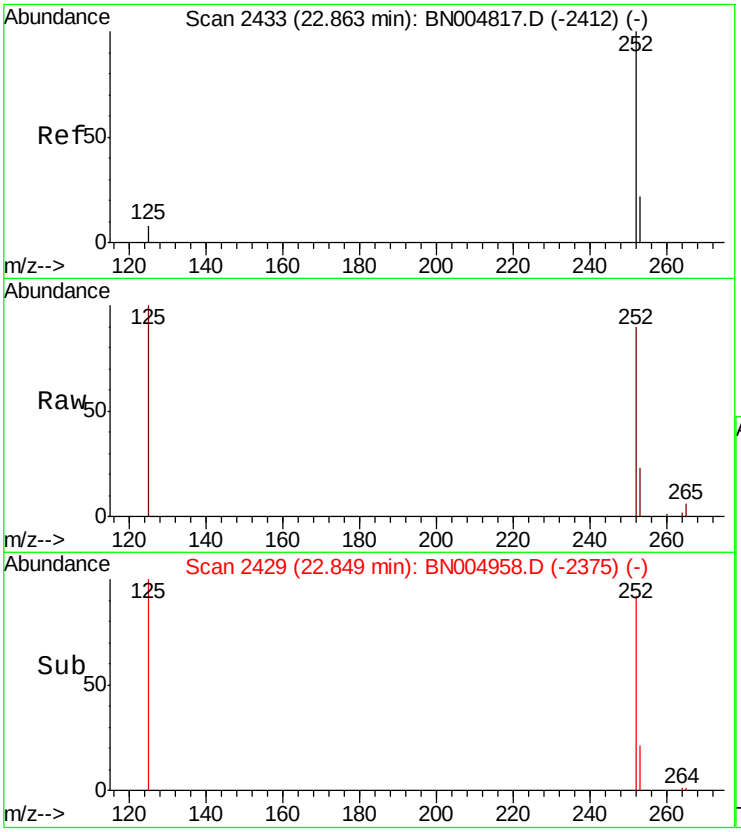


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:264 Resp: 20970

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.5	29.3
265	35.8	23.1	34.7#



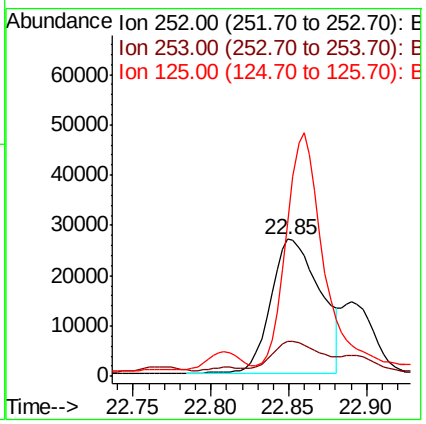


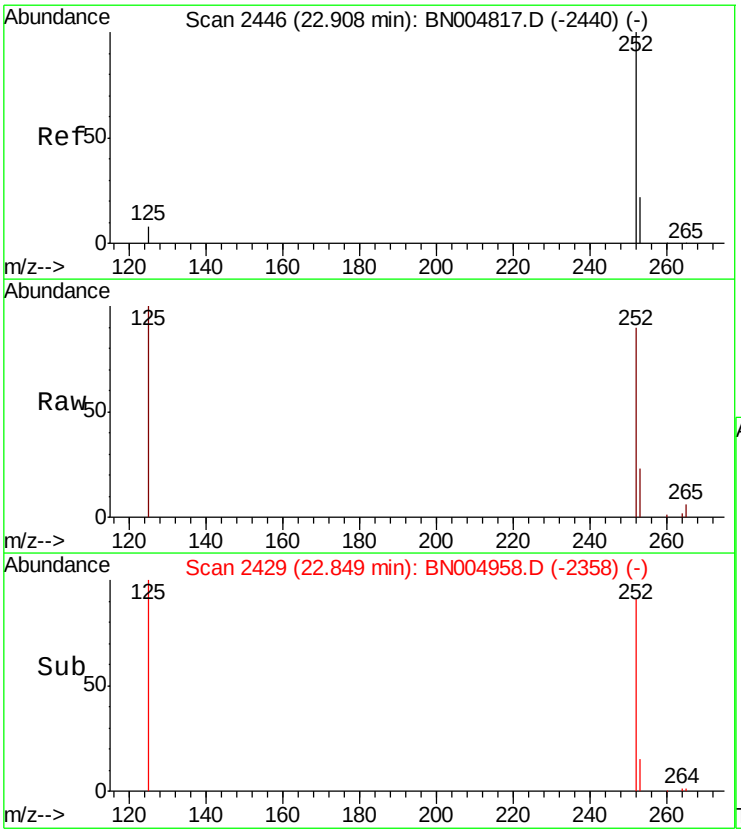
#35
Benzo(b)fluoranthene
Concen: 0.782 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:252 Resp: 59295

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.0	28.4
125	111.3	7.4	11.2#

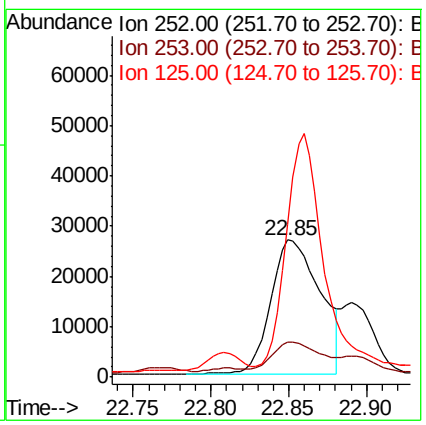


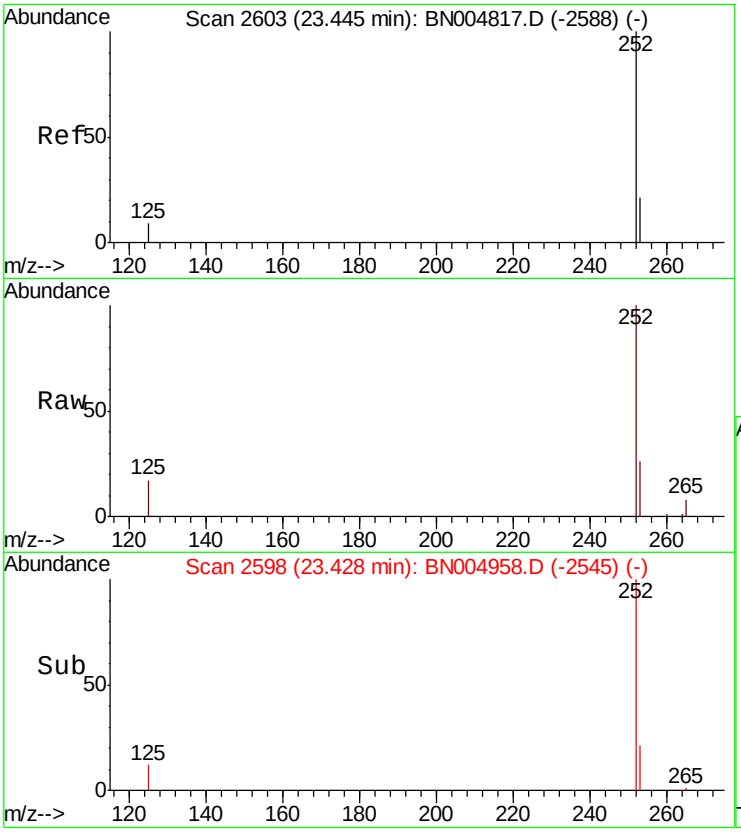


#36
Benzo(k)fluoranthene
Concen: 0.795 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.06 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:252 Resp: 59295

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.3	28.9
125	111.3	7.4	11.0#



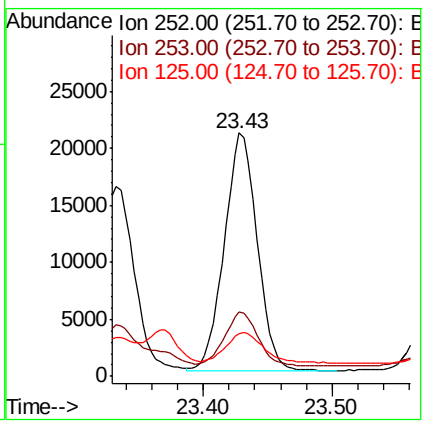


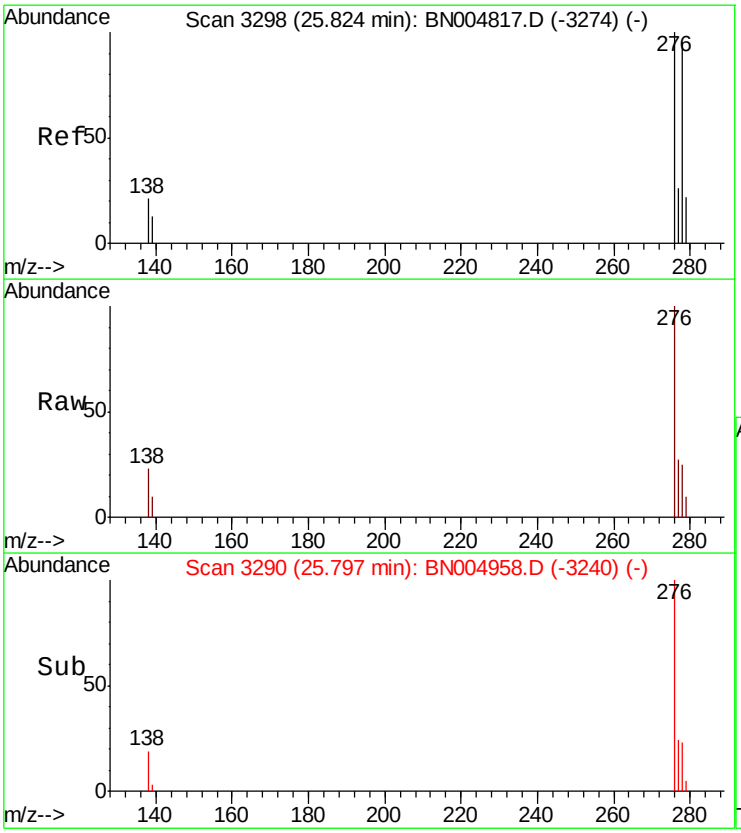
#37
Benzo(a)pyrene
Concen: 0.531 ng
RT: 23.43 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:252 Resp: 36985

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.7	29.5
125	17.5	8.3	12.5#

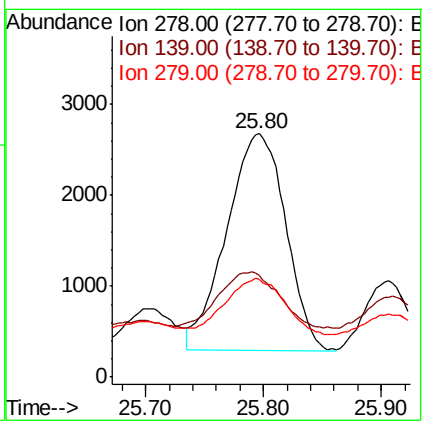


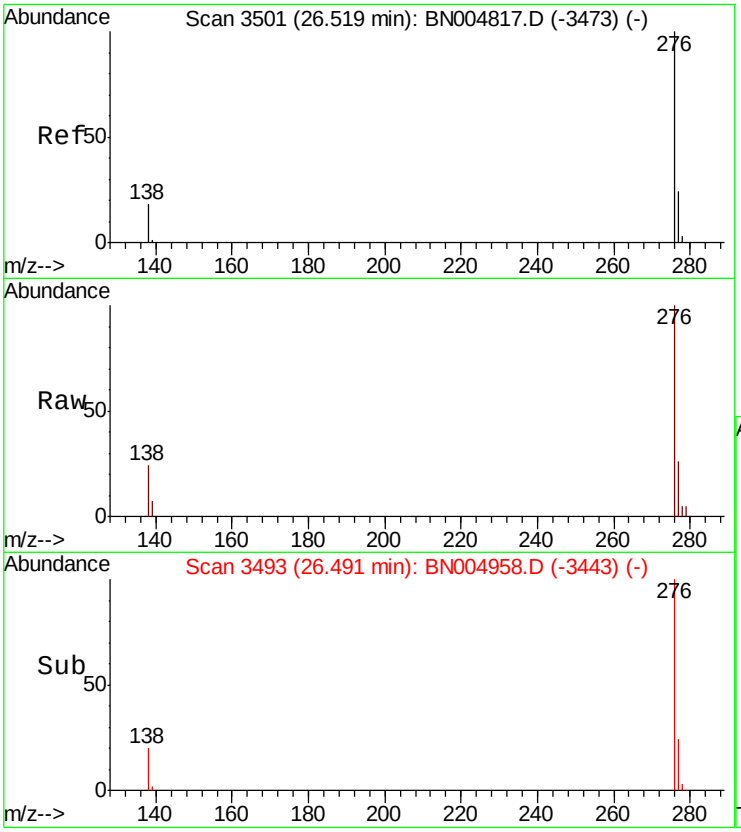


#38
Dibenzo(a,h)anthracene
Concen: 0.103 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.03 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Tgt Ion:278 Resp: 8298

Ion	Ratio	Lower	Upper
278	100		
139	41.7	11.7	17.5#
279	40.0	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 26.49 min Scan# 3493
Delta R.T. -0.03 min
Lab File: BN004958.D
Acq: 25 Mar 2019 13:35

Instrument :
BNA_N
ClientSampleId :
PST-025-SW080-031319

Tgt Ion:276 Resp: 31195

Ion	Ratio	Lower	Upper
276	100		
277	26.4	19.7	29.5
138	23.7	14.6	22.0#